

[SYSTEM AND METHOD FOR DETERMINING A DISTANCE OF AN OBJECT USING EMITTED LIGHT PULSES]

Abstract of Disclosure

A system and method for determining a distance of an object is provided. The method includes transmitting a light pulse to a polymeric light reflector at a first time. The method further includes reflecting the light pulse from the reflector. The method further includes receiving a portion of the light pulse reflected from an object at a second time. Finally, the method includes determining a distance of the object from the reflector based on a time difference between substantially the first and second times.

Figures